

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|---|------------------|---------|------------------|
| S1 | 25399 | air with sensor with pressure | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 16:48 |
| S2 | 156 | S1 and ((movement or mov\$3 or motion) near4 (joint or knee or elbow or ankle or shoulder or hip)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 16:49 |
| S3 | 5 | S2 and (detect\$3 near5 ((movement or mov\$3 or motion) near4 (joint or knee or elbow or ankle or shoulder or hip or body))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 16:37 |
| S4 | 151 | S2 not S3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 16:38 |
| S5 | 1833 | switch with air with sensor with pressure | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 16:52 |
| S6 | 0 | "8" not S2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 16:50 |
| S7 | 46 | switch with (air adj bag) with sensor with pressure | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 16:55 |
| S8 | 139 | (air adj pressure adj sensor) with switch | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 16:56 |
| S9 | 2709 | (345/156,158,161.ccls.) or (463/4, 8,36.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/02/09 08:36 |
| S10 | 107 | ((345/156,158,161.ccls.) or (463/4,8,36.ccls.)) and ((movement or mov\$3 or motion) near4 (joint or knee or elbow or ankle or shoulder or hip)) | US-PGPUB; USPAT | OR | ON | 2003/09/24 10:15 |

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| S11 | 0 | (((345/156,158,161.ccls.) or (463/4,8,36.ccls.)) and ((movement or mov\$3 or motion) near4 (joint or knee or elbow or ankle or shoulder or hip))) and ((sensor or sensing or sensitive) with (movement or motion or mov\$3))) and (("on/off") adj2 (sensor or sensing or sensitive)) | US-PGPUB; USPAT | OR | ON | 2003/09/24 10:15 |
| S12 | 76 | (((345/156,158,161.ccls.) or (463/4,8,36.ccls.)) and ((movement or mov\$3 or motion) near4 (joint or knee or elbow or ankle or shoulder or hip))) and ((sensor or sensing or sensitive) with (movement or motion or mov\$3))) | US-PGPUB; USPAT | OR | ON | 2003/09/24 10:18 |
| S13 | 41 | (((345/156,158,161.ccls.) or (463/4,8,36.ccls.)) and ((movement or mov\$3 or motion) near4 (joint or knee or elbow or ankle or shoulder or hip))) and ((sensor or sensing or sensitive) with (movement or motion or mov\$3))) and (@ad<="19981203") | US-PGPUB; USPAT | OR | ON | 2003/09/24 09:32 |
| S14 | 35 | (((345/156,158,161.ccls.) or (463/4,8,36.ccls.)) and ((movement or mov\$3 or motion) near4 (joint or knee or elbow or ankle or shoulder or hip))) and ((sensor or sensing or sensitive) with (movement or motion or mov\$3))) not (((345/156,158,161.ccls.) or (463/4,8,36.ccls.)) and ((movement or mov\$3 or motion) near4 (joint or knee or elbow or ankle or shoulder or hip))) and ((sensor or sensing or sensitive) with (movement or motion or mov\$3))) and (@ad<="19981203")) | US-PGPUB; USPAT | OR | ON | 2003/09/24 09:32 |
| S15 | 206 | ((345/156,158,161.ccls.) or (463/4,8,36.ccls.)) and ((movement or mov\$3 or motion) with (joint or knee or elbow or ankle or shoulder or hip)) | US-PGPUB; USPAT | OR | ON | 2003/09/24 10:02 |

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| S16 | 0 | ((((345/156,158,161.ccls.) or (463/4,8,36.ccls.)) and ((movement or mov\$3 or motion) with (joint or knee or elbow or ankle or shoulder or hip))) and (("on/off") adj2 (sensor or sensing or sensitive))) | US-PGPUB; USPAT | OR | ON | 2003/09/24 10:02 |
| S17 | 131 | ((((345/156,158,161.ccls.) or (463/4,8,36.ccls.)) and ((movement or mov\$3 or motion) with (joint or knee or elbow or ankle or shoulder or hip))) and ((sensor or sensing or sensitive) with (movement or motion or mov\$3))) | US-PGPUB; USPAT | OR | ON | 2003/09/24 10:04 |
| S18 | 55 | ((((345/156,158,161.ccls.) or (463/4,8,36.ccls.)) and ((movement or mov\$3 or motion) with (joint or knee or elbow or ankle or shoulder or hip))) and ((sensor or sensing or sensitive) with (movement or motion or mov\$3))) not (((345/156,158,161.ccls.) or (463/4,8,36.ccls.)) and ((movement or mov\$3 or motion) near4 (joint or knee or elbow or ankle or shoulder or hip))) and ((sensor or sensing or sensitive) with (movement or motion or mov\$3))) | US-PGPUB; USPAT | OR | ON | 2003/09/24 10:05 |
| S19 | 61868 | ((movement or mov\$3 or motion) near4 (joint or knee or elbow or ankle or shoulder or hip)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 16:15 |
| S20 | 17 | ((((movement or mov\$3 or motion) near4 (joint or knee or elbow or ankle or shoulder or hip))) and (("on/off") near2 (sensor or sensing or sensitive))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/24 10:15 |
| S21 | 4474 | ((((movement or mov\$3 or motion) near4 (joint or knee or elbow or ankle or shoulder or hip))) and ((sensor or sensing or sensitive) with (movement or motion or mov\$3))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/29 16:19 |
| S22 | 1001 | (((((movement or mov\$3 or motion) near4 (joint or knee or elbow or ankle or shoulder or hip))) and ((sensor or sensing or sensitive) with (movement or motion or mov\$3))) and sleeve | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/24 10:21 |

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| S23 | 323 | (((((movement or mov\$3 or motion) near4 (joint or knee or elbow or ankle or shoulder or hip))) and ((sensor or sensing or sensitive) with (movement or motion or mov\$3))) and sleeve) and computer | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/24 10:22 |
| S24 | 308 | (((((movement or mov\$3 or motion) near4 (joint or knee or elbow or ankle or shoulder or hip))) and ((sensor or sensing or sensitive) with (movement or motion or mov\$3))) and sleeve) and computer) not (((((345/156, 158,161.ccls.) or (463/4,8,36.ccls.)) and ((movement or mov\$3 or motion) near4 (joint or knee or elbow or ankle or shoulder or hip))) and ((sensor or sensing or sensitive) with (movement or motion or mov\$3))) or (((((345/156,158,161.ccls.) or (463/4,8,36.ccls.)) and ((movement or mov\$3 or motion) with (joint or knee or elbow or ankle or shoulder or hip))) and ((sensor or sensing or sensitive) with (movement or motion or mov\$3))) or (((movement or mov\$3 or motion) near4 (joint or knee or elbow or ankle or shoulder or hip))) and ((on/off") near2 (sensor or sensing or sensitive)))))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/24 10:24 |
| S25 | 3585 | (345/156,158,161.ccls.) or (463/4, 8,36.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/02/09 08:36 |
| S26 | 675 | S25 and (video adj game) | US-PGPUB; USPAT | OR | ON | 2005/02/09 09:32 |
| S27 | 0 | S26 and (((two adj state) or ("on/off") or ("on-off")) adj3 (elbow adj sens\$5)) | US-PGPUB; USPAT | OR | ON | 2005/02/09 08:43 |
| S28 | 0 | S26 and (((two adj state) or ("on/off") or ("on-off")) adj3 (elbow near5 sens\$5)) | US-PGPUB; USPAT | OR | ON | 2005/02/09 08:46 |
| S29 | 0 | S26 and (((two adj state) or ("on/off") or ("on-off")) adj3 (knee near5 sens\$5)) | US-PGPUB; USPAT | OR | ON | 2005/02/09 08:40 |
| S30 | 14 | S26 and (((two adj state) or ("on/off") or ("on-off")) near5 sens\$5) | US-PGPUB; USPAT | OR | ON | 2005/02/09 08:55 |
| S31 | 1 | S30 and elbow | US-PGPUB; USPAT | OR | ON | 2005/02/09 08:40 |

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| S32 | 0 | S31 and knee | US-PGPUB; USPAT | OR | ON | 2005/02/09 08:40 |
| S33 | 2 | S26 and (elbow near5 sens\$5) | US-PGPUB; USPAT | OR | ON | 2005/02/09 08:47 |
| S34 | 0 | S26 and (knee near5 sens\$5) | US-PGPUB; USPAT | OR | ON | 2005/02/09 08:47 |
| S35 | 19238 | (video adj game) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 08:45 |
| S36 | 0 | ((two adj state) or ("on/off") or ("on-off")) adj3 (elbow near5 sens\$5)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 08:46 |
| S37 | 2346 | ((two adj state) or ("on/off") or ("on-off")) adj3 sens\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 09:48 |
| S38 | 2 | S37 and (elbow near5 sens\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 09:49 |
| S39 | 1 | S38 and (knee near5 sens\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 08:49 |
| S40 | 1 | S39 and game | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 08:51 |
| S41 | 29 | (elbow near5 sens\$5) and (knee near5 sens\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 08:51 |

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|-----|------|---|---|----|----|------------------|
| S42 | 9 | S41 and game | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 08:52 |
| S43 | 0 | S42 and (sens\$5 with "off" with "on") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 08:56 |
| S44 | 5952 | game and (kick\$3 or punch\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 09:35 |
| S45 | 3 | S44 and ((elbow or knee) near9 sens\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 09:36 |
| S46 | 2371 | ((two adj state) or (bi-state) or ("on/off") or ("on-off")) adj3 sens\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 09:49 |
| S47 | 2 | S46 and (elbow near5 sens\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 09:51 |
| S48 | 17 | S46 and elbow | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 09:52 |
| S49 | 6 | S48 and knee | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/09 09:52 |